

METHOD AND APPARATUS FOR VIDEO COMPRESSION AND RESTRUCTURING

5 ABSTRACT OF THE DISCLOSURE

A method and apparatus for compressing and restructuring video signals are provided to promote the usefulness of a video channel, resulting in the efficacy of accommodating more video programs in a single video channel. Several video compressing and restructuring devices are used to directly 10 compress multiple digital video data streams which are then integrated by a multiplexer. Each of the video compressing and restructuring devices comprises a plurality of video compressors for compressing the video codes of the digital video data stream, and a multiplexer for integrating the video codes having been compressed by the video compressor. Each video compressor 15 comprises a trancoder for properly adjusting quantization scale for further compressing video signals. Based on the present invention, video signals are directly compressed with simple method and apparatus of low cost, leading to the realizing of an analogy Video-On-Demand system (approximate to a Video-On-Demand system).

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